

Atty. Dkt. No.: 016777/0463
Appln. No.: 09/833,740

Amendments to the Claims

The listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Previously presented) A recombinant DNA construct, comprising a promoter region of a GLP-2 receptor gene and linked for expression therewith, a heterologous gene of interest, wherein the promoter region comprises at least the last 1,000 nucleotides of (A) the murine nucleotide sequence of SEQ ID NO. 1 or (B) a mammalian homolog of said murine nucleotide sequence.
2. (Original) A recombinant DNA construct according to claim 1, wherein the promoter region is selected from the promoter region of the mouse GLP-2 receptor gene, the promoter region of a homolog of the mouse GLP-2 receptor gene, or a variant of such promoter regions that incorporates a truncation, insertion, deletion, or addition and retains the function of a GLP-2 receptor gene promoter region.
3. (Original) A recombinant DNA construct according to claim 1, wherein the heterologous gene of interest is a reporter gene.
4. (Original) A recombinant DNA construct according to claim 1, wherein the heterologous gene of interest encodes a therapeutic protein.
5. (Original) A cell incorporating a recombinant DNA construct as defined in claim 1.
6. (Withdrawn) A transgenic non-human animal incorporating the recombinant DNA construct according to claim 1.
7. (Withdrawn) A method for screening compounds to identify regulators of GLP-2 receptor expression, the method comprising the steps of obtaining a reporter construct in which a reporter gene is linked for expression to a promoter region of a GLP-2 receptor gene, and determining the effect of a candidate regulator on the expression of said reporter gene.

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Appln. No.: 09/833,740

8. (Withdrawn) A method for screening cells to identify hosts that will support expression from a GLP-2 receptor promoter region, comprising the step of culturing a selected host cell transfected with a recombinant DNA expression construct as defined in claim 3, measuring reporter gene expression level, and identifying such hosts as those in which elevated reporter gene expression levels are measured.

9. (Currently Amended) A recombinant DNA construct according to claim 1, wherein said promoter region is a mammalian homolog which is a human homolog comprising at least residues -1 to -203 illustrated in Figure 7b (bases 1-201 of SEQ ID NO:7).

10. (Currently Amended) A recombinant DNA construct according to claim 9, wherein the ~~GLP-2R-receptor-promoter~~ region comprises from 1.5 kb to 10.6 kb of the murine GLP-2 receptor promoter.

11. (Currently Amended) A recombinant DNA construct according to claim 10, wherein said ~~GLP-2R-receptor-promoter~~ region comprises the nucleotide sequence of SEQ. ID. NO. 1.